Thin Layers Workshop

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LONG-TERM GOALS

The goal of the project was to convene a data workshop for the Principal Investigators and Program Managers of the Thin Layers Program.

OBJECTIVES

The objectives of the data workshop were (1) to review the progress of individual program components and (2) to facilitate data analysis and exchange among program components.

APPROACH

The meeting agenda was designed to include presentations of results to date by individual Principal Investigators, working groups on specific topics, and data analysis and synthesis. At the time of the workshop, the "Thin Layers Program" was midway through its fourth year of funding as a cohesive, Principal Investigator-driven program. A coordinated field program involving 13 Principal Investigators from 7 institutions and scientists from NRL, had taken place in East Sound, WA during the summer of 1998.

WORK COMPLETED AND RESULTS

The workshop convened 17-20 May 1999 at the Coastal Institute, Graduate School of Oceanography, University of Rhode Island. The Coastal Institute conference facilities were made available to the workshop at no cost. Eleven of the program's 15 Principal Investigators and 5 program managers attended the workshop. The remaining 4 Principal Investigators sent delegates, so that all of the individual research groups in the program were represented (Table 1). The general organization of the Workshop was overseen by a capable meeting coordinator, Ms. Lisa Cavallero. She was assisted by a part-time undergradaute student.

The workshop consisted of (1) presentations by individual research groups; (2) smaller topical working groups; and (3) data analysis and synthesis (Table 2). The first 1.5 days of the workshop were devoted to summaries of progress-to-date by individual Principal Investigators and/or their designates. The remaining ~2.5 days were more loosely organized so that the meeting participants could break out into smaller working groups for the purpose of engaging in data analysis, data synthesis, planning for publications, etc.

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Report Documentation Page

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Table 1. Thin Layers Workshop participants.

Principal Investigator

Workshop Attendees

Alice Alldredge, UCSB Christy Herren Tim Cowles, OSU Tim Cowles

Mike Twardowski

Margaret Dekshenieks, URI Margaret Dekshenieks

Percy Donaghay, URI
Percy Donaghay
Jim Sullivan
Dian Gifford, URI
Dian Gifford

Jeff Merrell
Van Holliday

Van Holliday, TRACOR Van Holliday

Charles Greenlaw Duncan McGehee Sally MacIntyre

Sally MacIntyre, UCSB

Tom Osborn, JHU

Tom Osborn

Mary Jane Perry, UW

Sally MacInt

Tom Osborn

Mary Jane Perry

Mary Kay Talbot
Rick Pieper, USC
Jan Rines, URI
David Smith, URI

Mary Kay Talbot
Rick Pieper
Jan Rines
None

Ron Zaneveld, OSU Emmanuel Boss

Curt Davis, NRL Joe Rhea

Alan Weidemann, NRL

Alan Weidemann

Don Johnson

Program Managers:

Jim Eckman, ONR Ron Tipper, ONR Lou Goodman, ONR Kevin Sellner, NOAA, ECOHAB Elizabeth Turner, NOAA/ECOHAB

Table 2. Thin Layers Workshop Agenda

Monday 17 May

| 0800-0820 | COFFEE & Housekeeping |
|-----------|---|
| 0820-0830 | Some words from ONR: Jim Eckman |
| 0830-0900 | Physical Background (circulation): Margaret Dekshenieks |
| 0900-0930 | Theoretical basis of estuarine circulation: Tom Osborn |

| 0930-10 | Physical background (moorings and transects): Percy Donaghay |
|------------------|---|
| 1000-10 | 30 COFFEE BREAK |
| 1030-11 | 00 Acoustical Background: Van Holliday |
| 1100-11 | · |
| 1130-12 | 1 |
| 1230-13 | <u> </u> |
| 1330-14 | · |
| 1400-14 | |
| 1430-15 | |
| 1500-15 | |
| 1530-16 | |
| | Biological processes:Horizontal distributions of phytoplankton: Jan |
| Rines | 200 D' 1 ' 1 |
| 1600-16 | |
| MacInty | |
| 1630-17 | \mathcal{C} 1 1 |
| 1900 | DINNER: Spanish Tavern Restaurant, Narragansett |
| Tuesday 18 May | |
| 0800-08 | |
| 0830-09 | Optical Background (June 1998): Emmanuel Boss for Ron Zaneveld |
| 0900-09 | Optics/Physics: Alan Wiedemann/Don Johnson |
| 0930-10 | Optics: Bioluminescence: Christy Herren for Jim Case |
| 1000-10 | 30 COFFEE BREAK |
| 1030-12 | 30 Discussion of Optics presentations |
| 1230-14 | 00 LUNCH: Mossby Center |
| 1400-15 | 00 Discussion: organization for the remainder of workshop |
| | Start Discussion: Mechanisms forcing thin layers |
| 1500-15 | |
| 1530-17 | |
| Evening | ε |
| Wednesday 19 May | |
| 0800-08 | 30 COFFEE |
| 0830-10 | |
| 1000-10 | |
| 1030-12 | |
| 1230-14 | 0 1 |
| 1400-15 | · |
| 1530-16 | |
| 1600-17 | |
| 1900-17 | CATERED DINNER: Donaghay Residence |
| | CATERED DINNER. Dollagilay Residence |
| Thursday 20 May | 20 COEEEE |
| 0800-08 | |
| 0830-10 | |
| 1000-10 | |
| 1030-12 | U 1 |
| 1230-14 | • |
| Afterno | 1 |
| | Optional Working Groups until 1700 |
| | |